Crown Low Odor Mineral Spirits
SAFETY DATA SHEET

1. IDENTIFICATION

Product identifier: Crown Low Odor Mineral Spirits
SDS Number: CR.OMS

Manufacturer Name: Packaging Service Co., Inc.
Address: 1904 Mykawa Road
Pearland, TX 77581
1-281-485-1458
Telephone number:

Emergency phone number:: CHEMTREC: 1-800-424-9300 (USA)
CANUTEC: 1-613-996-6666 (Canada)

Recommended use: Paint Thinner
Restrictions on use: Use only as directed.

Date of Preparation: December 16, 2015

2. HAZARD(S) IDENTIFICATION

Classification:

Physical	Health
Flammable Liquid Category 3	Skin Irritation Category 2 Specific Target Organ Toxicity – Single Exposure Category 3 (CNS effects) Aspiration Hazard Category 1

Warning!

Hazard statement(s)

Flammable liquid and vapor.
Causes skin irritation.
May cause drowsiness or dizziness.
May be fatal if swallowed and enters airways.

Precautionary statement(s)
IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water or shower.
If skin irritation occurs: Get medical attention.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Precautionary statement(s)

Keep away from flames and hot surfaces. – No smoking.
Keep container tightly closed.
Ground or bond container and receiving equipment.
Use explosion-proof electrical and lighting equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Avoid breathing mist, vapors or spray.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves and eye protection.
Store in a well-ventilated place. Keep cool. Keep container tightly closed.
Store locked up.

Call a POISON CENTER or doctor if you feel well.
IF SWALLOWED: Immediately call a POISON CENTER or doctor.
Do NOT induce vomiting.
In case of fire: Use water spray, carbon dioxide, dry chemical or foam for extinction.

Dispose of contents and container in accordance with local and national regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Concentration
Petroleum Distillates	64742-47-8	100%

The specific identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

Inhalation: Remove victim to fresh air. If irritation occurs, breathing is difficult, or dizziness or drowsiness occur, get medical attention.
Skin contact: Remove contaminated clothing. Wash skin thoroughly with soap and water for several minutes. If irritation develops, get medical attention. Launder clothing before reuse.
Eye contact: Immediately flush eyes with water for several minutes while lifting the upper and lower lids. Get medical attention if irritation occurs and persists**.**
Ingestion: DO NOT induce vomiting. Never give anything by mouth to a person who is unconscious or convulsing. Get immediate medical attention.

Most important symptoms/effects, acute and delayed: Causes skin irritation. May cause slight eye irritation. Inhalation of mists may cause upper respiratory tract irritation or central nervous effects with drowsiness and dizziness. Aspiration hazard – may be harmful or fatal if aspirated into the lungs during swallowing or vomiting.

Indication of immediate medical attention and special treatment, if necessary: Get immediate medical attention if ingested.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Use water spray, carbon dioxide, dry chemical or foam to extinguish a fire.

Specific hazards arising from the chemical: This product is flammable. Vapors form explosive mixtures with air in confined or poorly ventilated areas. Vapors are heavier than air and will travel along surfaces to remote ignition sources and flash back. Closed containers may explode if exposed to extreme heat. Decomposition products are toxic.

Special protective equipment and precautions for fire-fighters: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for all fires involving chemicals. Cool fire exposure containers with water.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures: Evacuate spill area and keep unprotected personnel away. Remove all sources of ignition. Ventilate area with explosion proof equipment. Wear appropriate protective clothing. Caution: spill may present a slip hazard.

Environmental Precautions: Prevent spill from entering sewers and water courses. Report releases as required by local and national authorities.

Methods and materials for containment and cleaning up: Collect using an inert absorbent material and place in appropriate container for disposal. Clean spill area thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with eyes, skin and clothing. Avoid breathing vapors. Use only with adequate ventilation. Wash exposed skin thoroughly with soap and water after use. Do not eat, drink or smoke in the work area. Keep product away from heat, sparks, flames and all other sources of ignition. No smoking in storage or use areas. Keep containers closed when not in use.

Conditions for safe storage, including any incompatibilities: Protect containers from physical damage. Store in a cool, well ventilated area away from ignition sources and incompatible materials. Protect from physical damage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines:

Petroleum Distillates	500 ppm TWA OSHA PEL 100 ppm TWA ACGIH TLV

Appropriate engineering controls: Use with adequate general or local exhaust ventilation to keep exposures below occupational exposure limits and to minimize exposure levels. Use explosion proof equipment where required. Open doors and use fans to achieve good air movement. If possible, use local exhaust to remove vapors.

Individual protection measures:
Respiratory protection: None needed under normal use conditions. If exposure limits are exceeded, a NIOSH approved respirator with organic vapor cartridges or supplied air respirator is recommended. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.
Skin protection: Impervious gloves recommended if contact is possible.
Eye protection: Chemical safety goggles recommended if splashing is possible.
Other: Suitable washing and eye flushing facilities should be available in the work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.): Colorless liquid
Odor: Mild

Odor threshold: Not available	**pH:** Not available

Melting point/freezing point: -56.2°F / -49°C	**Boiling Point:** 300-415°F / 148.9-212.8°C
Flash point: 104-152°F (40-66.6°C) TCC	**Evaporation rate:** 0.12 (butyl acetate =1)
Flammability (solid, gas): Not applicable	**VOC:** 27.3% (Calculated using CARB)
Flammable limits: LEL: 0.6%	**UEL:** 5.5%
Vapor pressure: 1.6 mmHg @ 20°C	**Vapor density:** 4.5 (air = 1)
Relative density: 0.776	**Solubility(ies):** Insoluble
Partition coefficient: n-octanol/water: Not available	**Auto-ignition temperature:** >428°F (>220°C)
Decomposition temperature: Not available	**Viscosity:** <10 cSt @ 40°C

10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions of use.
Chemical stability: Stable.
Possibility of hazardous reactions: None known.
Conditions to avoid: Heat, sparks, and flames.
Incompatible materials: Avoid oxidizing agents.
Hazardous decomposition products: Thermal decomposition may yield carbon oxides.

11. TOXICOLOGICAL INFORMATION

Acute effects of exposure:
Inhalation: Inhalation of vapors or mists may cause slight irritation of the mucous membranes and upper respiratory tract. May cause central nervous effects including drowsiness and dizziness.
Ingestion: Swallowing may cause irritation to the stomach with nausea, vomiting and diarrhea. Aspiration into the lungs during ingestion or vomiting may cause serious lung damage which may be fatal.
Skin contact: May cause irritation with redness and itching.
Eye contact: May cause slight irritation with redness, tearing and pain.

Chronic Effects: None known.
Sensitization: None of the components have been shown to cause sensitization.
Germ Cell Mutagenicity: None of the components have been shown to cause germ cell mutagenicity.
Reproductive Toxicity: None of the components have been shown to cause reproductive or developmental toxicity.
Carcinogenicity: None of the components are listed as carcinogens or suspected carcinogens by IARC, NTP, ACGIH or OSHA.

Acute Toxicity Values:
Petroleum Distillates: Oral rat LD50 >5000 mg/kg; Inhalation rat LC50 >5.28 mg/L/4 hr; Dermal rabbit LD50 >2000 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity values:
Petroleum Distillates: 96 hr LL50 Oncorhynchus mykiss 2-5 mg/L, 48 hr EL50 daphnia magna 1.4 mg/L, 72 hr EL50 Pseudokirchnerella subcapitata 1-3 mg/L
Persistence and degradability: Petroleum distillate is inherently biodegradable. .
Bioaccumulative potential: This product has the potential to bioaccumulate.
Mobility in soil: This product is volatile and is expected to float on the surface of water and evaporate.
Other adverse effects: This product is toxic to aquatic life with long lasting effects.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all local, state and federal regulations.

14. TRANSPORT INFORMATION

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT- ≤ 119 gallons		Not Regulated per Combustible liquid exception			
DOT – >119 gallons	NA1993	Combustible liquid, n.o.s. (Petroleum Distillates)	Comb Liq	III	None
TDG	UN1268	Petroleum Distillates, n.o.s.	3	III	None
IMDG	UN1268	Petroleum Distillates, n.o.s.	3	III	None
IATA	UN1268	Petroleum Distillates, n.o.s.	3	III	None

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable – product is transported only in packaged form.

Special precautions: None known.

15. REGULATORY INFORMATION

Safety, health, and environmental regulations specific for the product in question.

CERCLA: This product is not subject to reporting under CERCLA. Many states have more stringent release reporting requirements. Oil spills must be reported to the National Response Center. Report spills required under federal, state and local regulations.

SARA Hazard Category (311/312): Acute Health, Fire Hazard
EPA SARA 313: This product contains the following chemicals regulated under SARA Title III, section 313: None

California Proposition 65: Warning: This product may contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

EPA TSCA Inventory: All of the components of this product are listed on the TSCA inventory**.**

Canadian CEPA: All the components of this product are listed on the Canadian DSL.

16. OTHER INFORMATION

NFPA Rating: Health = 2 Flammability = 2 Instability = 0
HMIS Rating: Health = 2 Flammability = 2 Physical Hazard = 0

SDS Revision History: Section 2 Classification, Labeling, Section 3 Composition, Section 4 Inhalation, Ingestion, Most important symptoms/effects, acute and delayed, Section 5 Specific hazards arising from the chemical, Section 9 Physical Properties, Section 11 Skin Contact, Acute Toxicity Values, Section 12 Ecotoxicity, Section 14 Transportation.

Date of preparation: December 16, 2015
Date of last revision: November 20, 2015